THE UNIVERSALES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

A.S. Gobernment, as represented by the Secretary of Agriculture

THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE YE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS ELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, TIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT ACTION. OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFF.

RIETT THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84)

SOYBEAN

'Moon Cake

In Testimon Mexicol, I have hereunto set my hand and caused the seal of the Plant Pariety Protection Office to be affixed at the City of Washington, D.C. this fifteenth day of December, in the year two thousand and three.

Attest:

Mal Horne Len Acting Commissioner Plant Variety Protection When

Plant Variety Protection Office Agricultural Marketina Service venan Juliuro U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421), information is held confidential until certificate is issued (7 U.S.C. 2428).

(Instructions and Information a	collection burden statement	on revers	se)		<u>r · · · · · · · · · · · · · · · · · · ·</u>	- γ		
1. NAME OF OWNER					2. TEMPORARY DESIGNATI EXPERIMENTAL NAME	ONOR	3. VARIETY NAME MOOY CAKE	
U.S. Government, as Agriculturement, an	represented by t	he Se	cretar	cy of	VG-3		MOONCAKE (ST: 3/3/2003	
4. ADDRESS (Street and No., or R.F.D. No.,	City, State, and ZIP Code, and Count	(על			5. TELEPHONE (include area	code)	FOR OFFICIAL USE ONLY	
USDA, ARS			-		201 504 6075		PVPO NUMBER	
Sustainable Agricult Room 226, Bldg. 001,	-	orato:	ry	,	301-504-6375		20030016	
10300 Baltimore Aven					6. FAX (include area code)		2002001	
Beltsville, Maryland	20705-2350				301-504-5320		<u> </u>	
·		· · · · · · · · · · · · · · · · · · ·		,			FILING DATE	
 IF THE OWNER NAMED IS NOT A "PERSO ORGANIZATION (corporation, partnership, 	ON", GIVE FORM OF association, etc.)	8. IF INC	CORPORATE E OF INCOR	ED, GIVE RPORATION	9. DATE OF INCORPORATION	NC	2/2003	
U.S. Government		N.	/A		N/A			
10. NAME AND ADDRESS OF OWNER REPR	RESENTATIVE(S) TO SERVE IN THE	S APPLICA	TION. (First p	person listed will re	ceive all papers)		FILING AND EXAMINATION FEES:	
Thomas E. Devine (Technical Representative of				RS) Rese	arch@Genetisic	:,]	E 2/5000	
Sustainable Agricultural Systems Laboratory, Room 226, Bldg. 001 BARC-West Beltsville, Maryland 20705-2350						-West	E - 2/60E.	
beitsville, maryland	20703-2330	į.					R DATE 2/2003	
Richard J. Brenner						1	C CERTIFICATION FEE:	
Deputy Assistant Adm		ce of	Techn	ology Tr	ansfer		£ 332.00	
5601 Sunnyside Avenu Beltsville, Maryland	· ·						Alexander	
beitsville, maryland	20703-3131		r			1	DATE 7/26/2003 (ap)	
11. TELEPHONE (Include area code)	12. FAX (Include area code)		13. E-MAI	H,		14. CRO	PKIND (Common Name) Soybean	
301-504-6375	301-504-5320				s.usda.gov			
15. GENUS AND SPECIES NAME OF CROP				ILY NAME (Botanic	_	17. IS TH	HE VARIETY A FIRST GENERATION RID?	
GLYCINE max		·····	Le	eguminosa	ie		☐ YES Ø NO	
18. CHECK APPROPRIATE BOX FOR EACH reverse)	ATTACHMENT SUBMITTED (Follow	instructions	s on	19. DOES THE C	OWNER SPECIFY THAT SEED (SEED? See Section 83(a) of	OF THIS VA	RIETY BE SOLD AS A CLASS OF ariety Pages ction Act)	
a. British A. Origin and Breeding	History of the Variety		· ·		YES (If "yes", answer flems 20 and 21 below)		NO (If "no", go to item 22)	
b. Exhibit B. Statement of Distinct		•	}-		WHER SPECIFY THAT SEED (NE TUIO	T YES 2 NO	
c. Exhibit C. Objective Description d. Exhibit D. Additional Description	· ·			VARIETY BE	LIMITED AS TO NUMBER OF (CLASSES?		
e. Exhibit E. Statement of the Bas				OF YES, WHI	CH CLASSES? T FOUND	ATION [REGISTERED CERTIFIED	
N vertication that this is culture we	intreated seeds or, for tuber propagal If be deposited and maintained in an	BOOTOVEĆ OL	ublic	21. DOES THE C	OWNER SPECIFY THAT SEED (LIMITED AS TO NUMBER OF (OF THIS	TNES D NO	
repository) a. Sill Filing and Examination Fee (52)	(652) 2001, made payable to "Tressurer of Protection Office)	the United		IF YES, SPE			REGISTERED CERTIFIED	
A States (Mail to the Plant Variety	Protection Office)		1	NUMBER 1,2,3, etc. (If additional explanation is necessary, please use the space indicated on the reverse.)				
						· · · · · · · · · · · · · · · · · · ·		
22. HAS THE VARIETY (INCLUDING ANY HA FROM THIS VARIETY BEEN SOLD, DISP OTHER COUNTRIES?	RVESTED MATERIAL) OR A HYBRI OSED OF, TRANSFERRED, OR USI	D PRODUC ED IN THE !	ED U. S. OR	23. IS THE VARI PROPERTY	ETY OR ANY COMPONENT OF RIGHT (PLANT BREEDER'S RIC	THE VARI	ETY PROTECTED BY INTELLECTUAL TENTI?	
T YES	₩О НО			_	YES		₽ NO	
IF YES, YOU MUST PROVIDE THE DATI FOR EACH COUNTRY AND THE CIRCU	E OF FIRST SALE, DISPOSITION, TI MSTANCES. (Please use space indi	CANSFER, C	OR USE	IF YES, PLEA REFERENCE	ISE GIVE COUNTRY, DATE OF NUMBER. (Please use space i	FILING OR	ISSUANCE AND ASSIGNED reverse.)	
24. The owners declare that a viable sample of for a labor propagated variety a tissue cult	f basic seed of the variety will be furn ure will be deposited in a public repo	ished with a sitory and m	pplication an	nd will be replenisher the duration of the	ed upon request in accordance was certificate.	ilith auch rei	pulations as may be applicable, or	
The undersigned owner(s) is(ere) the own and is entitled to protection under the prov						iform, and s	table as required in Section 42.	
Owner(s) is(are) informed that false repres	4.3.0						· ·	
SIGNATURE OF OVER				SIGNATURE OF	OWNER			
< Oben	u ne							
NAME (Please print or type)				NAME (Please pr	int or type)			
Richard J. Brenner							The control of the co	
CAPACITY OR TITLE	DATE	_		CAPACITY OR T	ITLE		DATE	
Deputy Assistant Adm	inistrator 300	AL	03					
	rolection Office with WordPerfect 6.0	Paniaca	STD-470 (0	2-99) which is obs	clete (See reverse for ins	tructions ar	id information collection burden statement)	

Exhibit A. Origin and breeding history of the variety.

Moon Cake is an F4-derived line from the cross OR5-12-1T X Disoy.

The F2, F3, and F4 progeny of this cross were subject to selection for large seed size, tall plant growth, and lodging resistance at Beltsville,

- 6 MD in 1997, 1998, and 1999. OR5-12-1T is a tawny pubescent sister
- 7 line of the forage soybean Tyrone. OR5-12-1T is an F4 derived line
- 8 from the cross PA4-11g1 X Ripley. PA4-11g1 was developed from
- 9 the four-way cross [Wilson 6 X Forrest] X [Perry X L76-0253].
- Progeny from this cross were subjected to selection for forage type at
- 11 State College, PA in 1982 and 1984 and at Beltsville, MD in 1983 and
- 12 1985. L76-0253 is an F6 segregate of the cross Williams x
- 13 Pl229358.

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17

Moon Cake has been observed for four generations of reproduction and during the seed increase period and is stable and uniform. No variants were observed.

18 19

Exhibit B. Statement of distinctness

20 21

Moon Cake is clearly distinguishable from other vegetable type soybeans by virtue of its exceptionally tall height - exceeding the

24 average vegetable type by at least two feet. Moon Cake is

- 25 distinguishable from conventional grain type soybean cultivars by its
- large seed size. Moon Cake is distinguishable from the tall growing
- forage soybeans Donegal, Derry and Tyrone by the larger seed size of Moon Cake. Moon Cake is distinguishable from Donegal and
- 29 Derry by its gray pubescence in contrast to their tawny pubescence.
- 30 Moon Cake is distinguishable from Tyrone by the earlier maturity of
- 31 Moon Cake in maturity group V in contrast to the later maturity of
- 32 Tyrone in maturity group VII. Moon Cake is distinguishable from the
- tall-growing multi-use cultivar Tara in that Tara has a tawny
- 34 pubescence while Moon Cake has a gray pubescence. Moon Cake
- has large seed size, 27 grams per 100 seed, compared to Tara with
- 36 **14 grams per 100 seed.**

37 38

Note: 'Moon Cake' is most similar to 'Donegal', 'Derry,' and 'Tyrone', (perapplicates permissione and 'Tara'.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705 EXHIBIT C (Soybean)

OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max (L.) Merr.)

NAME OF APPLICANT(S)				FOR OFFICIAL USE ONLY
M.S. GOVERNMENT as rej ADDRESS (Street and No. or R.F.D. No., Cu)	presented by the	Secretary of Ag	riculture	200300169
USDA, ARS Sustainable Agricultural Room 226, Bldg. DOI, BAR 10300 Baltimore Avenue Beltsville, Maryland 207	Systems Laborator C-West	y . 		VARIETY NAME Moon Cake TEMPORARY OR EXPERIMENTAL DESIGNATION
PLEASE READ ALL INSTRUCTI	ONS CAREFULLY: Plac	e the appropriate numbe	er that describes the vari	etal character of this variety in the boxes
Place a zero in the first box (e.g. 9 quantitative	9 9 or	0 9) when num	aber is either 99 or less of	r 9 or less respectively. Data for
plant characters should be based on	a minimum of 100 plants.	Comparative data show	ald be determined from v	varieties entered in the same trial. Royal
Horticultural Society or any recogni	zed color standard may be	used to determine plant	colors; designate system	used:
Please answer all questions for your	variety; lack of response	may delay progress of yo	ur application.	
A. MORPHOLOGY				:
Seed Shape:				
1 = Spherical (L/W, L/T, and '	Γ/W ratios < 1.2)		ical-Flattened > 1.2; L/T ratio	< 1.2)
3 = Elongate (L/T ratio > 1.2)	; T/W ratio < 1.2)		nte-Flattened > 1.2;T/W ratio >	1.2)
Seed Coat Color:		•		
1 = Yellow	2 = Green	3 = Brown	4 = Black	5 = Other (Please Specify)
Seed Coat Luster:	•			
2 1 = Duli	2 = Shiny	. T		
Seed Size:				
2 7 grams/100 se	eds			
Hilum Color:	* -			
1 = Buff 6 = Black	2 = Yellow 7 = Other (<i>Pleas</i>	3 = Brown e Specify)	4 = Gray	5 = Imperfect Black

A	MORPHOLOGY	(Continued)
- Table	MANA HOROGI	COMMINGE

Cotyledon	Color:

1 = Yellow

2 = Green

Seed Protein Peroxidase Activity:

1 = Low2 = High

Hypocotyl Color:

1 = Green2 = Green with Bronze ('Evans' or 'Davis') Bands below Cotyledon ('Woodworth' or 'Tracy') 3 = Light Purple below Cotyledons ('Beeson' or 'Pickett 71') 4 = Dark Purple extending to unifoliolate leaves ('Hodgson', 'Coker', or 'Hampton 266A')

Leaf Shape:

1 = Lanceolate

2 = Oval

3 = Ovate

4 = Other (Piease Specify)

Flower Color:

1 = White

2 = Purple

3 = White with a Purple Throat

Pod Color:

1 = Tan

2 = Brown 3 = Black

Pubescence Color:

1 = Gray

2 = Brown (Tawny)

3 = Light Tawny

Plant Habit:

1 = Determinate

2 = Semi - Determinate

3 = Indeterminate

4 = Intermediate

Maturity Group:

1 = 000

2 = 00

3 = 0

4 = I

5 = II

 $6 = \mathbf{m}$ 11 = VIII 7 = IV12 = IX 8 = V13 = X 9 = VI14 = XI 10 = VII15 = XII

Maturity Subgroup:

Please enter a value from 0 - 9

B. DISEASE REACTIONS

0 = Not Tested

1 = Susceptible

2 = Resistant

3 = Tolerant

Bacterial

Bacterial Pustule (Xanthomonas campestris pv. glycines (Nakano) Dye)

Bacterial Blight (Pseudomonas syringae pv. glycinea (Coerper) Young, Dye, & Wilkie)

Wildfire Blight (Pseudomonas syringae pv. tabaci (Wolf & Foster) Young, Dye, & Wilkie)

Funga	1			2003	00169
0	Brown Spot (Septoria glycin	es Hemmi)	:	· · · · · · · · · · · · · · · · · · ·	
	Frogeye Leaf Spot (Cercospo	ora sojina Hara)	•		
0	race 1	0 race 2	0	race 3 0 race 4	ļ.
0	race 5	0 race 6	2	Other(Please Specify) Sout	h Indiana field tes
0	Target Spot (Corynespora ca	ssiicola (Berk. & Curt.)	Wei)		
0	Downey Mildew (Peronospor	a trifoliorum var. manc	hurica (Naum.) S	yd. ex Gäum)	
0	Powdery Mildew (Microspha	era diffusa Cke. & Pk.)			
0	Brown Stem Rot (Phialophor	ra gregata (Allington & C	Chamberlain) W.	Gams.)	
1	Stem Canker (Diaporthe pha	seolorum (Cke. & Ell.) S	Sacc. var. caulivoi	ra Athow & Caldwell)	
0	Pod and Stem Blight (Diapor	the phaseolorum (Cke. 8	& Ell.) Sacc. var.	sojae (Lehman) Wehm.)	
1	Purple Seed Stain (Cercospor	ra kikuchii (T. Matsu. &	Tomoyasu) Gard	lener)	
0	Rhizoctonia Root Rot (Rhizo	ctonia solani Kühn)			
Phytop	hthora Root Rot (Phytophthor	a megasperma Drechs. f.	sp. glycinea (Ku	an & Erwin))	
0	race 1 0 race 8	0 race 15	0 race 22		
1	race 2 0 race 9	0 race 16	0 race 23		
0	race 3 race 10	0 race 17	0 race 24		
	race 4 0 race 11	0 race 18	0 race 25		
0	race 5 0 race 12	0 race 19	0 race 26		
0	race 6 0 race 13	0 race 20		Please Specify)	
1	race 7 0 race 14	0 race 21	race 3	3	· .
0	Bud Blight (Tobacco Ringspo	ot Virus)			
0	Yellow Mosaic (Bean Yellow	Mosaic Virus)			

B. DISEASE REACTIONS (Continued) 0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Tolerant

B. D	ISEASE REACTIONS (Continued) 0	= Not Tested	1 = Susceptible	2 = Resi	stant .	3 = To	lerant		
0	Cowpea Mosaic (Cowpea Chlorotic Virg	us)	÷		200	13 A	0.1	6	3
0	Pod Mottle (Bean Pod Mottle Virus)				(A) (C)	, es e	₩	. 8	6
0	Seed Mottle (Soybean Mosaic Virus)	• :							
Nemat	ode		·		•				
Soybea	an Cyst Nematode (<i>Heterodera glycines</i> Icl	hinohe)	,					•	
0	race 1 0 race 4	0 race 9	•						
0	race 2 0 race 5	1 race 1							
1	race 3 0 race 6	<u>-</u>	(Please Specify)						
· <u>L</u>					-				
0	Lance Nematode (Hoplolaimus columbus	s Sher)				•			
0	Southern Root Knot Nematode (Meloido	ogyne incognita (Kofoid & White) C	hitwood)				:	•
		· · · · · · · · · · · · · · · · · · ·							
0	Northern Root Knot Nematode (Meloido	ogyne hapla Chit	wood)						
0	Peanut Root Knot Nematode (Meloidog)	one arenaria (Nes	al) Chitwood)						
0	Reniform Nematode (Rotylenchus renifo	rmus Linwood &	& Olivera)	ø					
0	Javanese Nematode (Meloidogyne javani	ca (Treub) Chity	wood)			٠			
	O(1				• ,				
	Other Nematode (Please Specify)								
C. PH 0		= Not Tested	1 = Susceptible	2 = Resi	stant 3	3 = To	erant		
LĽJ	Iron Chlorosis on Calcareous Soil	·		-	•	ē			
0	Phosphorus	Other	(Please Specify)			_			
0					•				
<u> </u>	Boron	A. 10							
0	Aluminum								
0									
	Salt								
0		•							:
	Drought								

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D	. IN	SECT REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolera	ent
	0	Mexican Bean Beetle (Epilachi	na varivestis Mulsant)				
	2	Potato Leaf Hopper (Empoasc	a fabae (Harris))				
		Other (Please Specify)					
E.	НЕ	ERBICIDE REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	***	
	0	Metribuzin					
	0	Bentazone					
	0	Sulfonylurea			•		
	0	Glyphosate					·
	0	Glufosinate					
	0	Pendimethalin					
	0	Other (Please Specify)					
F.	TR	ANSGENIC COMPOSITION					
SOJ	bear	development of the subject var , or, the removal of genetic ma	terial from the application	ı variety?			·
If ;	yes, I	please complete the following in	formation requests*. Use	additional pages if n	ecessary.	YES X	NO
1.	Plea	ase state the vector's name:					•
2.	Plea	ase state the vector components:		÷			
3.	Plea	ase describe the genetic material	successfully transferred	into the subject varie	ty:		
4.	Plea	ase describe the insertion protoc	ol:			· .	
*	A li the	terature citation(s) explaining the "Transgenic Composition" port	he four information reque ion of this form.		acceptable altern	ative to com	pletion of
G.	BIC	OCHEMICAL MARKERS					·
-5.1		——————————————————————————————————————					

Please describe any biochemical information here, which you believe will be helpful in further describing the subject variety (e.g. Simple Sequence Repeats, Restriction Fragment Length Polymorphisms, Isozymic Characterization). Use additional pages if necessary.

H. COMMENTS

1 Exhibit >

The United States Department of Agriculture
Agricultural Research Service
Washington, D.C. 20250

NOTICE OF RELEASE OF MOON CAKE VEGETABLESOYBEAN

The U.S. Department of Agriculture, Agricultural Research Service announces the release of a new vegetable soybean cultivar named Moon Cake. Moon Cake is a large-seeded cultivar of exceptionally tall height and good lodging resistance intended for use as edamame (large seed vegetable soybean). Under good growing conditions, plants of Moon Cake grow to a height of 6 feet. Moon Cake is expected to prove especially valuable to organic vegetable soybean producers since its tall growth should enable it to compete well against late summer weeds. Plants of Moon Cake may serve a dual use in small scale diversified farming operations. Following harvest of pods from the plants, leaves and stems may provide high protein forage for livestock such as goats, sheep, etc. Moon Cake was not developed by genetic engineering.

Moon Cake is an F4-derived line from the cross OR5-12-1T X Disoy. The F2, F3, and F4 progeny of this cross were subject to selection for large seed size, tall plant growth, and lodging resistance at Beltsville, MD in 1997, 1998, and 1999. OR5-12-1T is a tawny pubescent sister line of the forage soybean Tyrone. OR5-12-1T is an F4 derived line from the cross PA4-11g1 X Ripley. PA4-11g1 was developed from the four-way cross [Wilson 6 X Forrest] X [Perry X L76-0253]. Progeny from this cross were subjected to selection for forage type at State College, PA in 1982 and 1984 and at Beltsville, MD in 1983 and 1985. L76-0253 is an F6 segregate of the cross Williams x PI229358.

 Moon Cake has been evaluated, under the experimental designation VG-3, for vegetable production at Beltsville, MD, and Petersburg, VA. In replicate trials at Beltsville, MD, plants of Moon Cake grew to an average of 164 cm in height. Plants of Moon Cake produced 21 seed bearing nodes with an average of 7 cm between nodes. Moon Cake is a Maturity Group V cultivar and matures earlier than Hutcheson and Essex. Forty days after initiation of flowering, the sucrose

concentration in seeds of Moon Cake averaged 101mg/g of sucrose 1 in tests at Virginia State University at Petersburg, VA. 2 3 Moon Cake has white flowers and gray pubescence. Seeds are 4 elongate with lustrous yellow seed coats and light buff colored hila. 5 Seeds weigh 27 g per 100 seeds. Moon Cake provided a yield of 3,144 kg per hectare of dry grain in 2001 and 2,864 kg per hectare in 7 2002 in a replicated plot test at Beltsville, MD. 8 9 Disease and nematode reactions 10 In tests conducted at Jackson, TN, Moon Cake was susceptible to 11 both race 3 and race 14 of the soybean cyst nematode. Moon Cake 12 is resistant to frogeye leafspot incited by Cercospora sojina. It is 13 susceptible to southern stem canker disease. Moon Cake is mildly 14 susceptible to sudden death syndrome. 15 16 Breeder's seed of Moon Cake will be maintained by the Sustainable 17 Agricultural Systems Laboratory, Animal and Natural Resources 18 Institute, USDA-ARS, Beltsville, MD. Seeds of Moon Cake will be 19 deposited in the National Plant Germplasm System where they will be 20 available for research purposes, including development and 21 commercialization of new cultivars. Protection for Moon Cake will be 22 sought under the Plant Variety Protection Act of 1994. 23 24 25 26 27 28 1-28-03 29 Administrator, Agricultural Research Service Date 30 U.S. Department of Agriculture 31 32

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, AGRICULTURAL MARKET	MG SERVICE			uiced in order to det chaved (7 U.S.C. 2			
EXHIBIT E	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)			the conficate is les:			van 1
STATEMENT OF THE BASIS	S OF OWNER	RSHIP	2 TEMPORARY	DESKAATUM	I 3. VARGET	V Name	na esta de grandado e que
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Secretary of Agricultur		UI.	VG-3		Mo o n	Cake	
ADDRESS (Separation of Fig. 15)	Bur ya IP mil	Company .	STELLERS	Section area cases	S. FAX :::	estrarea sale;	Aragan Mannat Leading Ca
JSDA, ARS			301-504-63	75	301 ₌ 50	04-5320	e.
Süstainable Agricultura Room 226, Bldg. 001, BA		Laborat.	7 PVPO NUMBE	ramanan kanada kana R	U- 3 -0)-	() 1 3 3	B arriera de la Agresia con la
10300 Baltimore Ave., B	eltsville,	MD 2070	-2350	20030	16	O	
Does the applicant own all rights to th	e variety? Mark	an "X" in the	appropriate block	If no, please exp	lain	VES	171
						A STATE OF THE PARTY OF THE PAR	200 - Palangoni, Ayunta
is the applicant (individual or company	A a II S Nations	loralls b	and someone? H			- 1 VEO	
e are appreant (monarcial or comban)	y) a O.S. Nauona	ai or a o.s. o	aseo company? II	no, give name or o	ountry	X YES	
is the applicant the original owner?	X YES	NO	lf no, please ar	swer <u>one</u> of the fo	lowing:		
a. If the original rights to wedge, were		4-de			44 300		
a. If the original rights to variety were		ridual(s), is (a	are) the original ow	ner(s) a U.S. Nation	al(s)?		
	YES	□ NO	If no, give nam	e of country			
b. If the original rights to variety wer	e owned by a co	mnanv(ies)	is (are) the origina	lowner(s) a IIS ha	ead compan	w2	
	r YES	NO	If no, give nan		ood oornpan	,	
	□		ii iio, give itali	ie or country			
				- · · · · · · · · · · · · · · · · · · ·			
A July							
Additional explanation on ownership	(If needed, use t	he reverse fo	or extra space):				
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Additional explanation on ownership	(If needed, use t	ihe reverse fo	or extra space):				
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EASE NOTE:		······································		following criteria:			
EASE NOTE: Int variety protection can only be afform If the rights to the variety are owned by	ded to the owner	s (not license	ees) who meet the	S. national, national	of a UPOV n	nember cour	try, or
EASE NOTE: nt variety protection can only be afford f the rights to the variety are owned by national of a country which affords sim	ded to the owner the original bre ilar protection to	s (not license eder, that pe nationals of	ees) who meet the rson must be a U.S the U.S. for the sa	S. national, national me genus and spec	es.		
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EASE NOTE: Int variety protection can only be afford the rights to the variety are owned by national of a country which affords simulationals of a UPOV member country, genus and species.	ded to the owner the original bre ilar protection to the company w or owned by nat	s (not license eder, that pe nationals of hich employed ionals of a co	ees) who meet the rson must be a U.s the U.S. for the sa ed the original bree ountry which afford	S. national, national me genus and spec eder(s), the compan- is similar protection	es. / must be U. to nationals	S. based, ow of the U.S. fo	med by Ir the sam

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